

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20050121804".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L2	4	("6864562" "5854513").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L3	1321	redistribution adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L4	865	redistribution adj layer and "257"/\$. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L5	349	redistribution adj layer and "257"/\$. ccls.	USPAT; EPO	OR	ON	2007/10/15 09:58
L6	9	L5 and harper	USPAT; EPO	OR	ON	2007/10/15 09:58
L7	16	L5 and Elenius	USPAT; EPO	OR	ON	2007/10/15 09:58
L8	1	"6,287,893".pn.	USPAT; EPO	OR	ON	2007/10/15 09:58
L9	5	bump with gold with copper with passivation	USPAT; EPO	OR	ON	2007/10/15 09:58
L10	0	redistribuiton with gold with copper with passivation	USPAT; EPO	OR	ON	2007/10/15 09:58
L11	16	bump same (wiring layer metallizaton) with gold with copper with passivation	USPAT; EPO	OR	ON	2007/10/15 09:58
L12	5	bump same (trace) with gold with highly	USPAT; EPO	OR	ON	2007/10/15 09:58
L13	0	trace with made with (gold au) with highly and bump	USPAT; EPO	OR	ON	2007/10/15 09:58
L14	40	trace with made with (gold au)and bump	USPAT; EPO	OR	ON	2007/10/15 09:58
L15	69	trace with bump with wir\$3 adj3 bond\$3	USPAT; EPO	OR	ON	2007/10/15 09:58

EAST Search History

L16	16	("4463059" "5249728" "5455387" "5476815" "5554940" "5719449" "5774340" "5844168" "5969424" "5977624" "6181569" "6232147" "6232666" "6344401" "6420787" "6577008").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L17	14	("4463059" "5249728" "5455387" "5476815" "5554940" "5719449" "5774340" "5844168" "5969424" "5977624" "6181569" "6232147" "6232666" "6420787").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L18	19	("4463059" "5249728" "5455387" "5476815" "5554940" "5719449" "5774340" "5844168" "5969424" "5977624" "6181569" "6232147" "6232666" "6420787").PN. OR ("6577008").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L19	14	("4463059" "5249728" "5455387" "5476815" "5554940" "5719449" "5774340" "5844168" "5969424" "5977624" "6181569" "6232147" "6232666" "6420787").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L20	1	"6511901".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L21	1	"5,854,513".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L22	1	"5,854,513".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L23	0	trace with UBM with gold with nickel with copper	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L24	0	trace with UBM with au with ni with cu	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L25	101	UBM with au with ni with cu	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L26	0	wafer with passivation with nitride with thickness	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L27	23	wafer with passivation with nitride with thickness	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L28	2	"20050121804".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58

EAST Search History

L29	1321	redistribution adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L30	865	redistribution adj layer and "257"/\$. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L31	597	wire with bond with probe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L32	14	("4463059" "5249728" "5455387" "5476815" "5554940" "5719449" "5774340" "5844168" "5969424" "5977624" "6181569" "6232147" "6232666" "6420787").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L33	5	bump same (trace) with gold with highly	USPAT; EPO	OR	ON	2007/10/15 09:58
L34	6	("5134460" "5731624" "5795819" "5864946" "6133136" "6187680").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L35	125	bond near2 wire with copper near2 pad	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L36	0	trace with made with (gold au) with highly and bump	USPAT; EPO	OR	ON	2007/10/15 09:58
L37	2	"20050121804".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L38	19	("4463059" "5249728" "5455387" "5476815" "5554940" "5719449" "5774340" "5844168" "5969424" "5977624" "6181569" "6232147" "6232666" "6420787").PN. OR ("6577008").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L39	14	("4463059" "5249728" "5455387" "5476815" "5554940" "5719449" "5774340" "5844168" "5969424" "5977624" "6181569" "6232147" "6232666" "6420787").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L40	349	redistribution adj layer and "257"/\$. ccls.	USPAT; EPO	OR	ON	2007/10/15 09:58

EAST Search History

L41	16	L40 and Elenius	USPAT; EPO	OR	ON	2007/10/15 09:58
L42	1	"6,844,631".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L43	2	"20050121804".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L44	0	trace with UBM with au with ni with cu	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L45	3	("20040130029" "20050145959" "6844631").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L46	40	trace with made with (gold au)and bump	USPAT; EPO	OR	ON	2007/10/15 09:58
L47	1	"6511901".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L48	1	"5,854,513".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L49	2256	(257/786).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/15 09:58
L50	45	("3380155" "3812521" "4087314" "4154877" "4447857" "4792532" "4845354" "4948754" "5010389" "5036163" "5187020" "5281684" "5289631" "5299729" "5306664" "5354955" "5436197" "5451715" "5480834" "5504036" "5517127" "5541524" "5559054").PN. OR ("6204074").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L51	5	bump with gold with copper with passivation	USPAT; EPO	OR	ON	2007/10/15 09:58
L52	1	"6,287,893".pn.	USPAT; EPO	OR	ON	2007/10/15 09:58
L53	16	bump same (wiring layer metallization) with gold with copper with passivation	USPAT; EPO	OR	ON	2007/10/15 09:58
L54	16	("4463059" "5249728" "5455387" "5476815" "5554940" "5719449" "5774340" "5844168" "5969424" "5977624" "6181569" "6232147" "6232666" "6344401" "6420787" "6577008").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58

EAST Search History

L55	0	wafer with passivation with nitride with thickness	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L56	9	L40 and harper	USPAT; EPO	OR	ON	2007/10/15 09:58
L57	224	L49 and probe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L58	3	("20040130029" "20050145959" "6844631").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L59	14	("20040036170" "4051508" "5646439" "5854513" "6511901" "6590295" "6864562").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L60	9	("4475191" "5506499" "5514892" "5554940" "6144100" "6232662" "6303459" "6373143" "6451681").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L61	4	("6864562" "5854513").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L62	6	("5134460" "5731624" "5795819" "5864946" "6133136" "6187680").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L63	101	UBM with au with ni with cu	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L64	0	trace with UBM with gold with nickel with copper	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L65	23	wafer with passivation with nitride with thickness	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L66	69	trace with bump with wir\$3 adj3 bond\$3	USPAT; EPO	OR	ON	2007/10/15 09:58
L67	170	bump with bond with probe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58

EAST Search History

L68	16	("4475191" "5506499" "5514892" "5554940" "6144100" "6232662" "6303459" "6373143" "6451681").PN. OR ("6844631").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L69	2	"6844631".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L70	1	"5,854,513".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L71	0	redistribuiton with gold with copper with passivation	USPAT; EPO	OR	ON	2007/10/15 09:58
L72	18	("20030197289" "20040036170" "4051508" "5646439" "5854513" "6511901" "6590295" "6844631" "6864562").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L73	0	trace with UBM with au with ni with cu	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L74	0	wafer with passivation with nitride with thikcness	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L75	5	bump with gold with copper with passivation	USPAT; EPO	OR	ON	2007/10/15 09:58
L76	0	redistribuiton with gold with copper with passivation	USPAT; EPO	OR	ON	2007/10/15 09:58
L77	0	trace with made with (gold au) with highly and bump	USPAT; EPO	OR	ON	2007/10/15 09:58
L78	0	trace with UBM with au with ni with cu	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L79	2256	(257/786).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/15 09:58
L80	5	bump with gold with copper with passivation	USPAT; EPO	OR	ON	2007/10/15 09:58
L81	1	"5,854,513".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L82	0	trace with UBM with gold with nickel with copper	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58

EAST Search History

L83	0	trace with made with (gold au) with highly and bump	USPAT; EPO	OR	ON	2007/10/15 09:58
L84	0	redistribuiton with gold with copper with passivation	USPAT; EPO	OR	ON	2007/10/15 09:58
L85	1	"6,287,893".pn.	USPAT; EPO	OR	ON	2007/10/15 09:58
L86	0	wafer with passivation with nitride with thikcness	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L87	0	trace with UBM with gold with nickel with copper	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L88	1	"5,854,513".pn.,	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L89	1	"6511901".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L90	1	"5,854,513".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L91	1	"6,844,631".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L92	1	"6511901".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L93	1	"5,854,513".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L94	1	"6,287,893".pn.	USPAT; EPO	OR	ON	2007/10/15 09:58
L95	2	"20050121804".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L96	4	("6864562" "5854513").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L97	349	redistribution adj layer and "257"/\$. ccls.	USPAT; EPO	OR	ON	2007/10/15 09:58
L98	9	L97 and harper	USPAT; EPO	OR	ON	2007/10/15 09:58
L99	16	L97 and Elenius	USPAT; EPO	OR	ON	2007/10/15 09:58

EAST Search History

L100	45	("3380155" "3812521" "4087314" "4154877" "4447857" "4792532" "4845354" "4948754" "5010389" "5036163" "5187020" "5281684" "5289631" "5299729" "5306664" "5354955" "5436197" "5451715" "5480834" "5504036" "5517127" "5541524" "5559054").PN. OR ("6204074").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L101	16	bump same (wiring layer metallization) with gold with copper with passivation	USPAT; EPO	OR	ON	2007/10/15 09:58
L102	16	("4463059" "5249728" "5455387" "5476815" "5554940" "5719449" "5774340" "5844168" "5969424" "5977624" "6181569" "6232147" "6232666" "6344401" "6420787" "6577008").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L103	349	redistribution adj layer and "257"/\$. ccls.	USPAT; EPO	OR	ON	2007/10/15 09:58
L104	9	L103 and harper	USPAT; EPO	OR	ON	2007/10/15 09:58
L105	3	("20040130029" "20050145959" "6844631").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L106	16	bump same (wiring layer metallization) with gold with copper with passivation	USPAT; EPO	OR	ON	2007/10/15 09:58
L107	4	("6864562" "5854513").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L108	6	("5134460" "5731624" "5795819" "5864946" "6133136" "6187680").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L109	2	"6844631".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L110	125	bond near2 wire with copper near2 pad	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L111	170	bump with bond with probe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58

EAST Search History

L112	865	redistribution adj layer and "257"/\$. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L113	5	bump same (trace) with gold with highly	USPAT; EPO	OR	ON	2007/10/15 09:58
L114	40	trace with made with (gold au)and bump	USPAT; EPO	OR	ON	2007/10/15 09:58
L115	69	trace with bump with wir\$3 adj3 bond\$3	USPAT; EPO	OR	ON	2007/10/15 09:58
L116	16	("4463059" "5249728" "5455387" "5476815" "5554940" "5719449" "5774340" "5844168" "5969424" "5977624" "6181569" "6232147" "6232666" "6344401" "6420787" "6577008").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L117	19	("4463059" "5249728" "5455387" "5476815" "5554940" "5719449" "5774340" "5844168" "5969424" "5977624" "6181569" "6232147" "6232666" "6420787").PN. OR ("6577008").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L118	14	("4463059" "5249728" "5455387" "5476815" "5554940" "5719449" "5774340" "5844168" "5969424" "5977624" "6181569" "6232147" "6232666" "6420787").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L119	14	("4463059" "5249728" "5455387" "5476815" "5554940" "5719449" "5774340" "5844168" "5969424" "5977624" "6181569" "6232147" "6232666" "6420787").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L120	101	UBM with au with ni with cu	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L121	23	wafer with passivation with nitride with thickness	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L122	2	"20050121804".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L123	14	("4463059" "5249728" "5455387" "5476815" "5554940" "5719449" "5774340" "5844168" "5969424" "5977624" "6181569" "6232147" "6232666" "6420787").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L124	5	bump same (trace) with gold with highly	USPAT; EPO	OR	ON	2007/10/15 09:58

EAST Search History

L125	6	("5134460" "5731624" "5795819" "5864946" "6133136" "6187680").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L126	2	"20050121804".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L127	40	trace with made with (gold au)and bump	USPAT; EPO	OR	ON	2007/10/15 09:58
L128	19	("4463059" "5249728" "5455387" "5476815" "5554940" "5719449" "5774340" "5844168" "5969424" "5977624" "6181569" "6232147" "6232666" "6420787").PN. OR ("6577008").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L129	16	L103 and Elenius	USPAT; EPO	OR	ON	2007/10/15 09:58
L130	14	("4463059" "5249728" "5455387" "5476815" "5554940" "5719449" "5774340" "5844168" "5969424" "5977624" "6181569" "6232147" "6232666" "6420787").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L131	2	"20050121804".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L132	3	("20040130029" "20050145959" "6844631").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L133	14	("20040036170" "4051508" "5646439" "5854513" "6511901" "6590295" "6864562").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L134	9	("4475191" "5506499" "5514892" "5554940" "6144100" "6232662" "6303459" "6373143" "6451681").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L135	101	UBM with au with ni with cu	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L136	23	wafer with passivation with nitride with thickness	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L137	69	trace with bump with wir\$3 adj3 bond\$3	USPAT; EPO	OR	ON	2007/10/15 09:58

EAST Search History

L138	16	("4475191" "5506499" "5514892" "5554940" "6144100" "6232662" "6303459" "6373143" "6451681").PN. OR ("6844631").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 09:58
L139	224	L79 and probe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L140	597	wire with bond with probe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L141	865	redistribution adj layer and "257"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L142	1321	redistribution adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 09:58
L143	1321	redistribution adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/15 10:03
L149	2846	((silicon semiconductor\$3) and (bump solder adj ball) and (bond\$3 wir\$3)).clm.	US-PGPUB	OR	ON	2007/10/15 10:13
L150	92	(metallizat\$3 and (silicon semiconductor\$3) and (bump solder adj ball) and (bond\$3 wir\$3)).clm.	US-PGPUB	OR	ON	2007/10/15 10:14